

Abstract of the Disclosure

5 A pressure regulator is associated with a solenoid-operated valve that is  
operated by a pulse waveform at a fundamental frequency substantially greater than the  
frequency response of the valve mechanism. This substantially attenuates solenoid  
pulsations and applies a predetermined pressure differential across the valve  
mechanism to accomplish improved flow control accuracy. The invention is especially  
10 advantageous for purging fuel vapor to an intake manifold of an internal combustion  
engine of an automotive vehicle.